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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/934,738	08/22/2001	Ingo Molnar	019322-000340 9016	
24239	7590 03/31/2006	EXAMINER		INER
MOORE & VAN ALLEN PLLC P.O. BOX 13706			CHOUDHURY, AZIZUL Q	
Research Triangle Park, NC 27709			ART UNIT	PAPER NUMBER
			2145	

DATE MAILED: 03/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extension of time may be available under the provision of 37 CPR 1.136(), in the revert, however, may a reply be timely filled  8 NO pend for reply is specified above, the maximum statutory period will apply and wat expire SIX (8) MONTH'S from the maling date of this communication.  Fallur be reply within the set or carriaded period for reply will, by stakins, cause the application to become BARNADOR (30 U.S. C. § 1133). Any reply received by the Ciffici later than these marked period for reply will, by stakins, cause the application (C) GIU S. C. § 1133. Any reply received by the Ciffici later than these marked period for reply will, by stakins, cause the application. General MAINDOR (C) GIU S. C. § 1133. Any reply received by the Ciffici later than these marked marked period for reply and period will apply any reply received by the Ciffici later than these marked marked period for reply is decreased.  Status  1) Responsive to communication(s) filed on 29 January 2006.  22) This action is FINAL.  2b) This action is FinAL.  2b) This action is FinAL.  2b) This action is non-final.  3) Isone this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex partie Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) Claim(s) 1-14 Islare replected.  5) Claim(s) 1-14 Islare rejected.  7) Claim(s) 1-15 Islare rejected.  7) Claim(s) 1-15 Islare rejected.  8) Claim(s) 1-15 Islare collected to by the Examiner.  10) The specification is objected to by the Examiner.  10) The proving of request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-		Application No.	Applicant(s)				
Azizul Choudhury   2145		09/934,738	MOLNAR, INGO				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply  A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Exercised for them may be available under the provided of 30° CRT 13(56), no event, however, may a regry be finely filed.  If NO penid for regry is agested above, the maximum statulory period will apply and will expire SIX (8) MONTHS from the mailing date of this communication. Fallure to require which the set of reading the providence of paths within the set or reduced period for regry is agested above, the maximum statulory period will apply and will expire SIX (8) MONTHS from the mailing date of this communication. Fallure to receive which the set of the maximum statulors are application of Section 13 (2) (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Office Action Summary	Examiner	Art Unit				
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WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.  Extensions of time myby be wisble under by provisions of 37 cFt 1.15(a). In no event, however, may a reply be timely filed after 5tk (b) MONTIS from the mailing date of this communication.  Failine for provi which the set or extended period for regivall, by statule, cause the supplication become ANAMONED 15t U.S.C. § 1303. Any reply received by the Diffice later than these months after the mailing date of this communication, even if smely filed, may reduce any seamed patent than adjustment. Set 37 CFR 1.704(b)  Status  1) ■ Responsive to communication(s) filed on 09 January 2006.  2a) □ This action is FINAL.  2b) ■ This action is non-final.  3) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.  Disposition of Claims  4) ◎ Claim(s) 1-14 is/are pending in the application.  4a) Of the above claim(s) is/are withdrawn from consideration.  5) □ Claim(s) is/are allowed.  6 ○ Claim(s) is/are objected to.  8) □ Claim(s) is/are objected to.  8) □ Claim(s) is/are objected to by the Examiner.  7) □ Claim(s) is/are objected to by the Examiner.  Application Papers  9) □ The specification is objected to by the Examiner.  Application Papers  9) □ The drawing(s) filed on 22 August 2001 is/are: a) □ accepted or b) □ objected to by the Examiner.  Application Papers  9) □ The cath or declaration is objected to by the Examiner.  Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  3) □ Cathified copies of the priority documents have been received.  2. □ Certified copies of the priority documents have been received in Application No  3. □ Copies of the certified copies of the priority documents have been received in Application (PTO-413)	The MAILING DATE of this communication app Period for Reply						
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Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  Priority under 35 U.S.C. § 119  12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some * c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  * See the attached detailed Office action for a list of the certified copies not received.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)							
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Paper No(s)/Mail Date 6) Other							

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Art Unit: 2145

#### **Detailed Action**

This office action is in response to the correspondence received on 1/9/06.

## Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 5-8 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The claims describe a software product and software is not patentable.

Claims 5-8 disclose a computer program product, which is a non-tangible product. The examiner recommends amending the claims to claim a tangible product such as a computer-readable medium, which stores a computer program product. However the examiner also reminds the applicant's representatives that the all claimed features must be supported by the design specifications.

### Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-2, 5-6, 9-11 and 13-14 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. It is unclear what an object is

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since a plurality of objects exist within the art. The specifications fail to disclose an appropriate definition defining an object.

# Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Challenger et al (US Pat No: 6,256,712), hereafter referred to as Challenger.

1. With regards to claims 1, 5, 9 and 11, Challenger teaches in a communication server, a method of responding to a client application, the method comprising the steps of: a cache disposed in an operating system kernel; receiving from the client application an application protocol request corresponding to a response that can be displayed as a combination of a dynamic protocol object and a static protocol object; creating at the server the dynamic protocol object; sending the dynamic protocol object to the client application; retrieving the static protocol object from a cache disposed in an operating system kernel; and sending the static protocol object to the client application (Challenger discloses a design

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enabling the updating content within a server so that updated content is submitted to the client. The design allows for current copies of both dynamic and static data (objects) to be cached within the server (column 2, lines 5-8, Challenger). The cached data (objects) is consistently updated (column 2, lines 54-55, Challenger). When required, the data (objects) are dynamically rebuild the objects and provide the client with updated content (column 2, line 53 – column 3, line 34, Challenger). Finally, the use of a cache/buffer/registry within an operating system of a computer is inherent).

- 2. With regards to claims 2, 6, 10, 13 and 14, Challenger teaches the method wherein the cache disposed within the operating system kernel is a protocol object cache (Challenger's design allows for caches (column 2, lines 5-8, Challenger) (column 5, lines 51-52, Challenger)).
- 3. With regards to claims 3, 4, 7, 8 and 12, Challenger teaches the method wherein the application protocol request and the reply are formatted according to a hypertext transmission protocol (HTTP) (Challenger's design allows for HTTPD (Figure 30A, Challenger). Hence, HTTP is supported).

#### Remarks

The amendment received on January 9, 2006 has been carefully examined but is not deemed fully persuasive. In lieu of the claim amendments, the claim objections

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have been withdrawn. With regards to the applicant's representative's remarks, two primary points of contention are addressed. As for the first point of contention, the applicant's representative remarks on how the term "object" is well known in the art. However, the examiner would like to point out how the term "object" lacks a clear definition within the specifications. "Object" is a broad and indefinite term and is open to a variety of interpretations. Hence, the 112-type rejection continues to stand. As for the second point of contention, the applicant's representative states that the claimed design features a response that can be displayed as a combination of a dynamic protocol object and a static protocol object and that the prior art teaches no such traits. First, the examiner has interpreted the claimed "objects" to be equivalent to data. Then, the examiner referred to the Challenger art and stated: "The design allows for current copies of both dynamic and static data (objects) to be cached within the server (column 2, lines 5-8, Challenger). The cached data (objects) is consistently updated (column 2, lines 54-55, Challenger). When required the data (objects) dynamically rebuilds the objects and provides the client with updated content (column 2, line 53 - column 3, line 34, Challenger)." In addition, the examiner states that the use of a cache/buffer/registry within an operating system of a computer is inherent.

#### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Azizul Choudhury whose telephone number is (571) 272-3909. The examiner can normally be reached on M-F.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571) 272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AC

JASON CARDONE
SUPERVISORY PATENT EXAMINER

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